

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Single/Multiple Station Smoke Detector-Ionization

LISTEE: BRK, 3901 W Liberty St Rd., Aurora, IL 60504-8122
Contact: Joe Budimier (630) 851-7330

DESIGN: Models 83I, 83R, 88LT, 90LT and 4000LB (single station) and 83RI (single/multiple) station, battery operated ionization type smoke detectors. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 9 VDC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number and UL label.

APPROVAL: Listed as single station ionization smoke detectors for use with Mallory Model MN1604 or Eveready Model 522 alkaline batteries, or Eveready Models 1222 or 216, Rayovac 1604 or Gold Peak Models 1604B or 1604S carbon zinc batteries. Model 83RI is also listed as multiple station detector. *These units can generate a distinctive temporal code pattern fire alarm signal in accordance with NFPA 72, 1996 Edition. Refer to listee's Installation Instructions Manual for details.

NOTE: *The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

*Rev. 05-14-99



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

JUNE 8, 2002

*Listing Expires **June 30, 2003***

Authorized By:

DIANE K. AREND, Senior Deputy
Program Manager